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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :  
NAOHISA KAMIYAMA : EXAMINER: JAWORSKI, F.  
SERIAL NO: 09/458,235 :  
FILED: DECEMBER 9, 1999 : GROUP ART UNIT: 3737  
FOR: ULTRASOUND DIAGNOSTIC :  
APPARATUS AND METHOD :

9/13  
7-107

SUPPLEMENTAL AMENDMENT

RECEIVED

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

JUN 27 2003

TECHNOLOGY CENTER R3700

SIR:

Supplemental to the Amendment filed November 4, 2002, please further amend the  
above-identified patent application as follows:

IN THE CLAIMS

Please amend Claims 29, 44, 50, 55 and 60 as shown in clean form below.

29. (Amended) An ultrasound diagnostic apparatus comprising:

a transducer configured to transmit ultrasound to a human body having implanted  
bubbles and to receive an echo signal corresponding to an ultrasound echo from the human  
body;

a transmission mechanism configured to apply a first drive signal and then a second  
drive signal successively to said transducer, said first drive signal having a first characteristic  
resulting in said transducer generating a respective first echo signal representative of a first  
quality image and said second drive signal having a second characteristic resulting in said

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06/25/2003 AMB11

64.00 OP  
16.00 OP

01 FC:1201  
02 FC:1202

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